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Atty. Docket No. 1010-77

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

TECH CENTER 1600/2900

JUN 28 2001

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APPLICANT: L. Dudley Eirich et al.

EXAMINER: [Not Assigned]

SERIAL NO.: 09/812,308

GROUP ART UNIT: 1633

FILED: March 20, 2001

DATED: June 22, 2001

FOR: BIOOXIDATION CAPABILITIES OF CANDIDA SP

Assistant Commissioner for Patents
Washington, D.C. 20231

INFORMATION DISCLOSURE STATEMENT

Sir:

Pursuant to Applicant(s) duty of disclosure, the information listed in the attached form PTO-1449 is brought to the attention of the Examiner. Copies of the listed items are enclosed.

The citation of the listed items is not a representation that they constitute a complete or exhaustive listing of the relevant art or that the references are prior art.

CERTIFICATION UNDER 37 C.F.R. § 1.10

I hereby certify that this New Application Transmittal and the documents referred to as enclosed therein are being deposited with the United States Postal Service on this date June 22, 2001 in an envelope addressed to: Commissioner of Patents and Trademarks, Washington, D.C. 20231.

Maria Goldman
(Type or print name of person mailing paper)

Maria Goldman
(Signature of person mailing paper)

The items listed are submitted in good faith, but are not intended to substitute for the Examiner's search. It is hoped, however, that in addition to apprising the Examiner of these particular items, they will assist in identifying fields of search and in making as full and complete a search as possible.

The filing of this information disclosure statement is not an admission that the information cited herein is, or is considered to be, material to patentability as defined in 37 C.F.R. §1.56(b).

- ☐ This information disclosure statement is being filed within three (3) months of the filing date of this application.
- ☐ This information disclosure statement is being filed within three (3) months of the date of entry of the national stage as set forth in 37 C.F.R. §1.491 in an international application.
- ☒ To the best of Applicant(s) knowledge, this information disclosure statement is being filed before the date of mailing of a first Office Action on the merits in connection with this case.
- ☐ Enclosed herewith is a certificate under 37 C.F.R. §1.97(e).
- ☐ Enclosed herewith is a petition under 37 C.F.R. §1.97(d)(ii).
 - ☐ Enclosed by check is the petition fee of \$130.00. 37 C.F.R. §1.17(i)(1))
 - ☐ Please charge the \$130.00 petition fee to Deposit Account No. 04-1121.

- ☐ Enclosed by check is the \$240.00 fee required by 37 C.F.R. §1.17(p).
- ☐ Please charge the \$240.00 fee required by 37 C.F.R. §1.17(p) to Deposit Account No. 04-1121.
- ☒ Please charge any deficiency as well as any other fee(s) which may become due under 37 C.F.R. §1.16 and/or §1.17 at any time during the pendency of this application, or credit any overpayment of such fee(s) to Deposit Account 04-1121. Also, in the event any extensions of time for responding and/or a petition under 37 C.F.R. §1.17(i)(i) are required for the pending application(s), please treat this paper as a petition to extend the time and/or enter this Information Disclosure Statement as required and charge Deposit Account No. 04-1121 therefor. TWO (2) COPIES OF THIS SHEET ARE ENCLOSED.

Respectfully submitted,



Peter G. Dilworth
Reg. No. 26,450
Attorney for Applicants

DILWORTH & BARRESE, LLP
333 Earle Ovington Blvd.
Uniondale, NY 11553
(516) 228-8484
(516) 228-8516 (FAX)

JSS/MB:mg

Form PTO-1449

U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICE

ATTY. DOCKET NO.

1010-77

SERIAL NO.

09/812,308

INFORMATION DISCLOSURE
STATEMENT BY APPLICANT

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Use several sheets if necessary)

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APPLICANT

L. Dudley Eirich et al.

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FILING DATE

March 20, 2001

GROUP

Art Unit 1633

U.S. PATENT DOCUMENT

| EXAMINER INITIALS | DOCUMENT NUMBER | DATE | NAME | CLASS | SUBCLASS | FILING DATE IF APPROPRIATE |
|----------------------|-----------------|---------------|-------------------|-------|----------|-------------------------------|
| | 5 2 5 4 4 6 6 | Oct. 19, 1993 | Picataggio et al. | | | |
| | 5 4 7 0 7 4 1 | Nov. 28, 1995 | Oester et al. | | | |
| | 5 6 2 0 8 7 8 | Apr. 15, 1997 | Picataggio et al. | | | |
| | 5 6 4 8 2 4 7 | Jul. 15, 1997 | Picataggio et al. | | | |
| | 5 9 6 2 2 8 5 | Oct. 5, 1999 | Anderson et al. | | | |
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FOREIGN PATENT DOCUMENTS

| DOCUMENT NUMBER | DATE | COUNTRY | CLASS | SUBCLASS | TRANSLATION YES |
|-----------------|---------------|---------|-------|----------|--------------------|
| WO 00 2 0 5 6 6 | Apr. 13, 2000 | WO | | | X |

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

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| Vamecq et al., "Interactions between the ω - and β -Oxidations of Fatty Acids", <i>J. Biochem.</i> Vol. 102, pp.225-234, (1987) |
| Kemp et al., "Inducible long chain alcohol oxidase from alkane-grown <i>Candida tropicalis</i> ", <i>Appl. Microbiol. and Biotechnol.</i> 29:370-374 (1988) |
| Shio et al., "Microbial Production of Long-chain Dicarboxylic Acids from n -Alkanes", <i>Agr. Biol. Chem.</i> , Vol. 35, No. 13, pp.2033-2042 (1971) |
| Gilewicz et al., "Hydroxylase regulation in <i>Candida tropicalis</i> grown on alkanes", <i>Can. J. Microbiol.</i> , Vol. 25, pp.201-206 (1979) |
| Wislocki et al., "Reactions Catalyzed by the Cytochrome P-450 System", <i>Enzymatic Basis of Detoxication</i> , Vol. 1, Chapter 7, pp.135-182 (1980) |
| Bühler et al., "Aliphatic Hydrocarbons", <i>Biotechnology</i> , Vol. 6a, Chapter 9, pp.329-385 (1984) |
| Okino et al., "Production of Macrocyclic Musk Compounds via Alkanedioic Acids Produced from n -Alkanes", <i>Flavors and Fragrances: A World Perspective. Proceedings of the 10th International Congress of Essential Oils, Fragrances and Flavors</i> , Lawrence, Mookherjee and Willis (Eds.), pp.753-760 (1988) |
| Uemura, N; <i>Hakko to Kogyo</i> 43(5), 436-441 (1985) |

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

EXAMINER

DATE CONSIDERED